

IN THE CLAIMS

Please amend the claims as follows:

1. (Currently Amended) A method of computer-aided extraction of quantitative information, the method comprising the steps of:

acquiring primary data from an object to be examined;
processing the primary data on the basis of a primary parameter set to determine a primary result;
determining a confidence interval with respect to the primary result;
displaying the primary result and the confidence interval;
adjusting the primary parameter set on the basis of [[an]] a user input, the adjusting being within a predetermined range;
reprocessing the primary data on the basis of the adjusted primary parameter set to determine a secondary result; and
displaying the secondary result.

2. (Original) The method of claim 1, wherein the primary parameter set comprises a plurality of parameters; varying at least one parameter of the primary parameter set; adjusting the primary parameter set on the basis of the at least one parameter which is varied; and interactively reprocessing the primary data on the basis of the adjusted parameter set to determine the secondary result and displaying the secondary result.

3. (Previously Presented) The method of claim 1, further comprising the steps of:

providing a distrust selection option to a user; and
forwarding the primary data and the corresponding primary parameter set to a service port when the distrust selection option is selected by the user.

4. (Previously Presented) The method of claim 1, further comprising the steps of:

providing a trust selection option to a user; and
storing the primary parameter set in correspondence with the primary data when the trust selection option is selected by the user.

5. (Original) The method of claim 1, further comprising the steps of:
comparing the primary diagnostic data to secondary data;
deciding whether the primary data is comparable to any of the secondary data;
reprocessing the primary data on the basis of a secondary parameter set belonging
to similar secondary data to determine a tertiary result; and
displaying the tertiary result.

6. (Original) The method of claim 1, wherein the method allows for an explorative
determination of a dependability of at least one of the primary and secondary results.

7. (Currently Amended) Data processing device, comprising:
a memory for storing primary data from an object to be examined and a primary
parameter set;
a processor for processing the primary data for a computer-aided extraction of
quantitative information to determine a primary and a secondary result; and
a display for displaying the primary and secondary results;
wherein the primary data is processed by the processor on the basis of a primary
parameter set to determine a primary result;
wherein a confidence interval is determined by the processor with respect to the
primary result;
wherein the primary result and the confidence interval are displayed on the
display;
wherein the primary parameter set is adjusted on the basis of an input by the
processor, the adjustment being within a predetermined range;
wherein a reprocessing the primary data on the basis of the adjusted primary
parameter set to determine a secondary result is performed by the processor, and
wherein the secondary result is displayed on the display.

8. (Currently Amended) Computer program embodied on a non-transitory computer
readable medium for a data processing device for performing a computer-aided extraction

of quantitative information, wherein, when the computer program is executed on a data processor of the data processing device, the data processing device executes the following steps:

- acquiring primary data from an object to be examined;
- processing the primary data on the basis of a primary parameter set to determine a primary result;
- determining a confidence interval with respect to the primary result;
- displaying the primary result and the confidence interval;
- adjusting the primary parameter set on the basis of [[an]] a user input the adjusting being within a predetermined range;
- reprocessing the primary data on the basis of the adjusted primary parameter set to determine a secondary result; and
- displaying the secondary result.